

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
1 April 2004 (01.04.2004)

PCT

(10) International Publication Number  
**WO 2004/027204 A3**

(51) International Patent Classification<sup>7</sup>: **E21B 29/00**

(21) International Application Number:  
PCT/US2003/029858

(22) International Filing Date:  
22 September 2003 (22.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/412,487 20 September 2002 (20.09.2002) US

(71) Applicant (for all designated States except US): ENVEN-  
TURE GLOBAL TECHNOLOGY [US/US]; 16200 A.  
Park Row, Houston, TX 77084 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WATSON, Brock,

Wayne [US/US]; 2535 Marsh Lane #1004, Carrollton,  
TX 75006 (US). BRISCO, David, Paul [US/US]; 405  
Westridge Drive, Duncan, OK 73533 (US). FILIPPOV,  
Andrei, Gregory [US/NL]; Backershagenlaan 34A, 2243  
AD Wassenaar (NL).

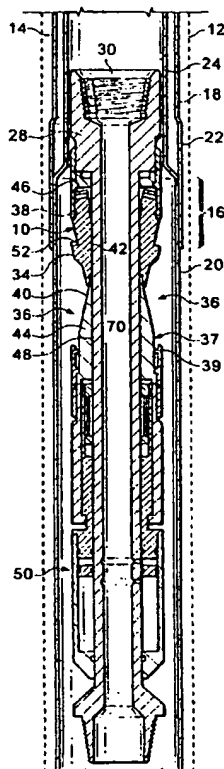
(74) Agents: MATTINGLY, Todd et al.; Haynes & Boone,  
LLP, Suite 4300, 1000 Louisiana Street, Houston, TX  
77002-5012 (US).

(81) Designated States (national): AE, AG, AI, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SK, SL,  
TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: CUTTER FOR WELLBORE CASING



(57) Abstract: A cutter (10) for a wellbore casing (20) is provided that includes a rotatable tubular support (28), at least one cutter blade (34) supported on the rotatable tubular support, having a retracted position for insertion into the wellbore casing and having an expanded position for cutting engagement with the wellbore casing, and an actuator (50) for moving the cutter blade from the retracted position to the expanded position for cutting engagement with the wellbore casing.

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European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NI, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

**Declaration under Rule 4.17:**

— of inventorship (Rule 4.17(iv)) for US only

**(88) Date of publication of the international search report:**

26 August 2004

**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/29858

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : E21B 29/00  
 US CL : 166/298, 55.8, 361

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 166/298, 55.8, 361, 297, 55.6, 55.2; 175/267, 286, 258, 406

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,150,755 A (Cassel et al ) 29 September 1992, Figs 2-4, col. 4, line 19-col. 6, line 41.	1, 2, 10, 12-14, 16, 17
X	US 4,938,291 A (Lynde et al.), 3 July 1990, Figs 1, 2, col. 4, line 41-col. 5, line 42.	1, 2, 10, 12-14, 16, 17
X	US 5,242,017 A (Hailey) 7 September 1993, Fig. 1, col 2, line 55-col. 3, line 28.	1, 2, 10, 12-14, 16, 17
X,E	US 6,679,328 B2 (Davis et al) 20 January 2004, Figs 1, 2, 5, 8, 9, col. 3, line 33-col. 7, line 5.	1-18



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Date of the actual completion of the international search

01 March 2004 (01.03.2004)

Date of mailing of the international search report

30 JUN 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Frank S Tsay

Telephone No. (703)308-2168

Form PCT/ISA/210 (second sheet) (July 1998)

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